

Release A CDR RID Report

Date Last Modified 11/15/95

Originator Chris Harris

Phone No (804) 864-8590

Organization Langley DAAC

E Mail Address c.j.harris@larc.nasa.gov

Document DDDR/Planning

RID ID CDR 95

Review DDDR

Originator Ref

Priority 2

Section

Page

Figure Table

Category Name Planning (PLS) Design

Actionee ECS

Sub Category

Subject IT/SCF interface to the Planning Subsystem

Description of Problem or Suggestion:

I did not see the IT/SCF interface to the Planning Subsystem. What the DAAC receives from the IT/SCF to specify a Production Request is still unclear.

Originator's Recommendation

The end-to-end scenario should start at the IT/SCF site with the initiation of the request to generate a set of data products.

GSFC Response by:

GSFC Response Date

HAIS Response by: Jacob Eisenstein

HAIS Schedule 10/25/95

HAIS R. E. Jolyon Martin

HAIS Response Date 11/1/95

In presenting the End-to-End Production Planning Scenario, the IT/SCF interface with the DAAC to request science product generation was not included. This was inadvertently omitted because the scenario presented assumed that the IT/SCF request had been specified to the DAAC. The Planning Subsystem software is then used at the DAAC and supports the entry of a Production Request as understood by the DAAC operations staff based on the science product generation specified by the IT/SCF.

The specification of a Production Request is described within the Planning Subsystem Design Specification within the Production Request Object Model. The basic information required is the product that needs to be produced, or the PGE that needs to be scheduled, and the period for which the production request is valid (start date, stop date). The IT/SCF may optionally provide additional information to override the run time parameters supplied to the PGE.

The operations scenarios for the Planning Subsystem that is currently being developed for DID605 describes the initiation of the request by the IT/SCF to generate a set of data products. This includes basic and optional information as described in the preceding paragraph. The request is transmitted from the IT/SCF to the DAAC as ASCII text information by E-mail. This is the interface defined in the ECS - SCF ICD, 209-CD-005-003. However, there is also the capability for secure X-Windows access from the lead SCF facility to the DAAC hosting its production. Depending on the local DAAC policy, the lead SCF may also be permitted to enter directly their production requests within the Production Request Editor.

Status Closed

Date Closed 11/15/95

Sponsor Kempler

***** Attachment if any *****